WE CLAIM:

1. A method of determining a connection between a data emitting device j having address IP(j) and a data receiving device i having address IP(i) via a routing device, wherein the routing device utilizes a management information database MIB, establishing a mask field in the MIB for all devices in a subnet which passes data through the routing device having a property

$$(IP(i) \text{ AND } MASK) = (IP(j) \text{ AND } MASK),$$

and indicating connection of a device i to a device j for devices in which the property is true.